PN0103

Abstract

The present invention provides a method of magnetic resonance imaging of a sample, said method comprising:

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- i) administering a hyperpolarised MR imaging agent comprising non-zero nuclear spin nuclei into said sample;
- ii) exposing said sample to a radiation at a frequencyselected to excite nuclear spin transitions in said non-zero nuclear spin nuclei;
 - iii) detecting MR signals from said sample utilising spectral-spatial excitation, in combination with line scanning, point scanning and/or steady state imaging techniques; and
 - iv) optionally generating an image, physiological data or metabolic data from said detected signals.

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